

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-17 (Canceled).

Claim 18 (Currently Amended): An adjustable set of pedals for a motor vehicle, comprising:

a first pedal for braking of the motor vehicle;

a second pedal for acceleration of the motor vehicle;

means for supporting the first and second pedals; and

an adjustment device for controlling selectively the position of the supporting means with respect to a frame of the motor vehicle and comprising a crank mechanism set between the supporting means and the frame;

the adjustment device comprising:

a first guide extending in a first direction and supporting the supporting means which are mobile along the first guide; and

a control rod parallel to the first direction, slidably engaged through the first pedal, and connectable with the first pedal for actuating a braking device of the motor vehicle,

wherein the first guide is fixed to the frame and the supporting means are mobile along a rectilinear path.

Claim 19 (Previously Presented): The adjustable set of pedals according to Claim 18, wherein the first guide comprises a first screw mounted to rotate about a first longitudinal

axis; the supporting means being coupled to the first screw via a first external-thread/internal-thread coupling.

Claim 20 (Previously Presented): The adjustable set of pedals according to Claim 18, wherein the adjustment device further comprises:

a second guide extending in a second direction substantially transverse to the first direction; and

a slide, mounted to slide along the second guide under action of thrust of the crank mechanism.

Claim 21 (Previously Presented): The adjustable set of pedals according to Claim 20, wherein the crank mechanism comprises:

a connecting rod set between the supporting means and the slide; and

a crank set between the frame and the connecting rod.

Claim 22 (Previously Presented): The adjustable set of pedals according to Claim 20, wherein the supporting means is mobile under action of thrust of the crank mechanism between a first end position and a second end position; and

thrust means are provided for displacing the supporting means into, and normally maintaining the supporting means in, one of the first and second end positions.

Claim 23 (Previously Presented): The adjustable set of pedals according to Claim 22, wherein the thrust means include elastic thrust means set between the slide and the crank mechanism.

Claim 24 (Previously Presented): The adjustable set of pedals according to Claim 18, wherein the adjustment device further comprises:

first clamping means for blocking the supporting means along the first guide; and
a first actuator device for actuating the first clamping means between a first position of clamping of the supporting means along the first guide and a first position of release.

Claim 25 (Currently Amended): ~~The adjustable set of pedals according to Claim 24~~
An adjustable set of pedals for a motor vehicle, comprising:

a first pedal for braking of the motor vehicle;
a second pedal for acceleration of the motor vehicle;
means for supporting the first and second pedals; and
an adjustment device for controlling selectively the position of the supporting means with respect to a frame of the motor vehicle and comprising a crank mechanism set between the supporting means and the frame;
the adjustment device comprising:
a first guide extending in a first direction and supporting the supporting means which are mobile along the first guide;
a control rod parallel to the first direction, slidably engaged through the first pedal, and connectable with the first pedal for actuating a braking device of the motor vehicle,
first clamping means for blocking the supporting means along the first guide; and
a first actuator device for actuating the first clamping means between a first position of clamping of the supporting means along the first guide and a first position of release,
wherein the first clamping means comprises a plurality of first clamping members carried by the supporting means, distributed around the first guide, and mobile away from and towards the first guide, and the first actuator device comprises first actuator means for displacing the

first clamping members from the first position of clamping to the first position of release, and second actuator means for displacing the first clamping members from the first position of release to the first clamping position.

Claim 26 (Previously Presented): The adjustable set of pedals according to Claim 24 further comprising:

second clamping means for blocking the first pedal along the control rod; and a second actuator device to actuate the second clamping means between a second position of clamping of the first pedal along the control rod and a second position of release.

Claim 27 (Previously Presented): The adjustable set of pedals according to Claim 26, wherein the second clamping means comprises a plurality of second clamping members carried by the first pedal, distributed around the control rod, and mobile away from and towards the control rod, and the second actuator device comprises third actuator means for displacing the second clamping members from the second position of clamping to the second position of release, and fourth actuator means for displacing the second clamping members from the second position of release to the second clamping position.

Claim 28 (Previously Presented): The adjustable set of pedals according to Claim 26, wherein

the first pedal is rotatably mounted on the supporting means for oscillating about a second axis of fulcrum;

third clamping means are provided for blocking angularly the first pedal about the axis of fulcrum; and

a third actuator device is configured to actuate the third clamping means between a third position of clamping of the first pedal about the second axis of fulcrum and a third position of release.

Claim 29 (Previously Presented): The adjustable set of pedals according to Claim 28, wherein the first, second, and third actuator devices are connected together for displacing the third clamping means into the corresponding clamping position, when the first and the second clamping means are displaced into their corresponding positions of release, and into the corresponding position of release when the first and the second clamping means are displaced into their corresponding clamping positions.

Claim 30 (Previously Presented): The adjustable set of pedals according to Claim 18, wherein the first direction is a substantially rectilinear direction.

Claim 31 (Previously Presented): The adjustable set of pedals according to Claim 18, wherein the first pedal is coupled to the control rod via a second external-thread/internal-thread coupling.

Claim 32 (Previously Presented): The adjustable set of pedals according to Claim 18, wherein the first pedal is hinged to the supporting means for oscillating about a second axis of fulcrum, and the second pedal is hinged to the supporting means for oscillating, with respect to the supporting means, about a fourth axis of fulcrum parallel to the second axis of fulcrum.

Claim 33 (Previously Presented): The adjustable set of pedals according to Claim 32, wherein the first pedal is further hinged in a position corresponding to an intermediate point thereof, to a sleeve slidable along the control rod for oscillating, with respect to the sleeve, about a fifth axis of fulcrum substantially parallel to the second axis of fulcrum.

Claim 34 (Previously Presented): The adjustable set of pedals according to Claim 33, wherein the sleeve is coupled in an axially slidable manner to the control rod to perform rectilinear displacements along the control rod, and is connectable to the control rod to impart on the control rod, following upon oscillation of the first pedal about the second axis of fulcrum, rectilinear displacements so as to control selectively operation of a braking device.

Claim 35 (New) An adjustable set of pedals for a motor vehicle, comprising:

- a first pedal for braking of the motor vehicle;
- a second pedal for acceleration of the motor vehicle;
- means for supporting the first and second pedals; and
- an adjustment device for controlling selectively the position of the supporting means with respect to a frame of the motor vehicle and comprising a crank mechanism set between the supporting means and the frame;
- the adjustment device comprising:
- a first guide extending in a first direction and supporting the supporting means which are mobile along the first guide; and
- a control rod parallel to the first direction, slidably engaged through the first pedal, and connectable with the first pedal for actuating a braking device of the motor vehicle;
- wherein second clamping means are provided for blocking the first pedal along the control rod; and a second actuator device to actuate the second clamping means between a

second position of clamping of the first pedal along the control rod and a second position of release;

wherein the second clamping means comprises a plurality of second clamping members carried by the first pedal, distributed around the control rod, and mobile away from and towards the control rod, and the second actuator device comprises third actuator means for displacing the second clamping members from the second position of clamping to the second position of release, and fourth actuator means for displacing the second clamping members from the second position of release to the second clamping position.

Claim 36. (New) An adjustable set of pedals for a motor vehicle, comprising:

- a first pedal for braking of the motor vehicle;
- a second pedal for acceleration of the motor vehicle;
- means for supporting the first and second pedals; and
- an adjustment device for controlling selectively the position of the supporting means with respect to a frame of the motor vehicle and comprising a crank mechanism set between the supporting means and the frame;
- the adjustment device comprising:
 - a first guide extending in a first direction and supporting the supporting means which are mobile along the first guide; and
 - a control rod parallel to the first direction, slidably engaged through the first pedal, and connectable with the first pedal for actuating a braking device of the motor vehicle; and
- wherein the first pedal is rotatably mounted on the supporting means for oscillating about a second axis of fulcrum; third clamping means are provided for blocking angularly the first pedal about the axis of fulcrum, and a third actuator device is designed to actuate the

third clamping means between a third position of clamping of the first pedal about the second axis of fulcrum and a third position of release.